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relay simulation plant power

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### Multiple time-scale power system dynamic simulation

A Kunita, H Okubo, K Oki, S Agematsu, DB Klapper, ... - IEEE Transactions on Power Systems, 1993 - [ieeexplore.ieee.org](#)

... 4. QUASI-STEADY-STATE **SIMULATION** A new capability ... such as transformer tap motions and **relay** actions, are ... **power plant**, and AGC are calculated, based on the ...

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### Concepts of undervoltage load shedding for voltage stability

CW Taylor, BP Adm, OR Portland - IEEE Transactions on Power Delivery, 1992 - [ieeexplore.ieee.org](#)

... Application factors such as undervoltage **relay** settings and time ... was an aluminum reduction **plant**, three of the ... We are using large-scale **simulation** to design an ...

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### Power system restoration issues

MM Adibi, RJ Kafka - IEEE Computer Applications in Power, 1991 - [ieeexplore.ieee.org](#)

... For this type of **simulation**, RLC representation is ... The synchronous **relay** settings as practiced by one ... isolate certain generators within a **plant** with matching ...

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### Improving grid behaviour

CW Taylor, BP Adm, OR Portland - IEEE Spectrum, 1999 - [ieeexplore.ieee.org](#)

... control and protection and to sharpen **simulation** techniques ... trol at three power **plants** then contributed ... About five minutes later, a **relay** failure tripped a l ...

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### Recording and analyzing the July 2 cascading outage [Western USA power system]

CW Taylor, DC Erickson, BP Adm, OR Portland - IEEE Computer Applications in Power, 1997 - [ieeexplore.ieee.org](#)

... at the Snake River Brownlee **plant** and possibly ... control and protection, and on **simulation** studies to ... With redundant, independent **relay** sets and breaker failure ...

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### An advanced dispatcher training simulator

R Podmore, JC Giri, MP Gorenberg, JP Britton, NM ... - IEEE Transactions on Power Apparatus and Systems, 1982 - [ieeexplore.ieee.org](#)

... generating units, loads, lines, transformers and protective **relays**. ... The **simulator** can solve a 250 bus ... also emulating the actions of **power plant**, substation and ...

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### Power system restoration planning

MM Adibi, LH Fink - IEEE Transactions on Power systems, 1994 - [ieeexplore.ieee.org](#)

... accurate modeling and interactive **simulation** of the ... of breakers with synchrocheck **relays**; etc. ... breaker and disconnect positions), **power plant** conditions (hot ...

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### Experimental evaluation of EMTP-based current transformer models for protective relay transient study

M Kezunovic, L Kojovic, A Abur, CW Fromen, DR ... - IEEE Transactions on Power Delivery, 1994 - [ieeexplore.ieee.org](#)  
 ... CT Short Circuit Test Setup at the High Power Laboratory ... 6. Circuit Diagram Used in EMTP **Simulation** of the CT ... is convenient since a typical **relay** engineer will ...  
 Cited by 55 - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 3 versions](#)

An adaptive controller for power system load-frequency control- [►nthu.edu.tw \(PDF\)](#)  
 CT Pan, CM Liaw - IEEE Power Engineering Review, 1989 - [ieeexplore.ieee.org](#)  
 ... designed by using a reduced-order **plant** model without ... generators, loads, induction motors, **relays** and so ... of a graphic workstation allows the **simulation** to be ...  
 Cited by 58 - [Related articles](#) - [Web Search](#) - [All 6 versions](#)

Industrial and cogeneration protection problems requiring simulation  
 HK Clark, JW Feltes, PT Inc, CA Roseville - IEEE Transactions on Industry Applications, 1989 - [ieeexplore.ieee.org](#)  
 ... to use a time delay as part of the **relay**. **Simulation** of system disturbances causing a negative excursion in ... The ability of the **plant** to remain in service ...  
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Key authors: [C Taylor](#) - [M Adibi](#) - [B Adm](#) - [O Portland](#) - [M Kezunovic](#)

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